

REMARKS

Claims 1, 3-7, 9-12, 25, 27-30, 114, 118-121 and 125-142 are pending with claims 1, 7, 25, 30, 114, 121 and 129 being independent. Claims 1, 7, 25, 30, 114 and 121 have been amended to clarify that concentration changes are "in a direction" toward the cathode from the anode (claims 1, 7 and 25) or "in a direction" between other regions (claims 30, 114 and 121). New independent claim 129 finds support at Fig. 9 and the accompanying text at paragraphs [0174] to [0176] of the published application. No new matter has been introduced.

Claims 25, 27-30, 114, 118-121 and 125-128 have been rejected for obviousness-type double patenting over claims 1-148 of Application No. 10/060,427, which has since issued as U.S. Patent No. 7,173,370 ("Seo"). Applicants have submitted a Terminal Disclaimer with this reply, and request withdrawal of this rejection in view of the terminal disclaimer.

Since no other rejection has been issued, applicant submits that all claims are now in condition for allowance.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

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